2

3

4

1

2

3

4

5

6

WHAT IS CLAIMED IS:

1. For use in a communications system, an apparatus for wireless software download to a resource-constrained wireless communications device capable of Internet access comprising:

an auxiliary device including sufficient storage for holding software to be downloaded; and

a connection between the wireless communications

anticolint besits

device and the auxiliary device,

wherein the software to be downloaded is retrieved from a remote server through a wireless connection for the wireless communications device to the auxiliary device and installed from the auxiliary device onto the wireless communications device.

2. The apparatus according to claim 1, wherein the auxiliary device lacks a connection to the remote server independent of the connection between the wireless communications device and the auxiliary device.

4

1

2

3

4

1

- 3. The apparatus according to claim 1, wherein the wireless communications device lacks sufficient storage to hold the software to be downloaded in addition to existing software within the wireless communications device.
- 4. The apparatus according to claim 1, wherein the software to be downloaded is retrieved by the auxiliary device from the remote server through an Internet connection provided by the wireless communications device.
- 5. The apparatus according to claim 1, wherein the wireless communications device is a mobile telephone and the auxiliary device is a personal digital assistant.
- 6. The apparatus according to claim 1, wherein the software downloaded to the auxiliary device, when installed on the wireless communications device, replaces software on the wireless device at a time of the software download.

2

3

4

7.	The ap	paratus	accord	ling	to cla	aim 1,	whereir	n the
software	downloa	ded to	the a	uxil	iary d	levice	is ret	ained
after ins	stallati	on on	the wi	reles	ss com	municat	tions d	evice
and reus	ed for	instal	lation	on	other	simil	ar wir	eless
communica	tions de	vices.						

4

1

2

3

4

5

6

7

8

8.	Α	communications	system,	comprising:
----	---	----------------	---------	-------------

a wireless communications device capable of

Internet access via a wireless connection to a wireless

network;

an auxiliary device including sufficient storage for holding software to be downloaded; and

a connection between the wireless communications device and the auxiliary device,

wherein the software to be downloaded is retrieved from a remote server through the wireless connection for the wireless communications device to the auxiliary device and installed from the auxiliary device onto the wireless communications device.

9. The communications system according to claim 8, wherein the auxiliary device lacks a connection to the remote server independent of the connection between the wireless communications device and the auxiliary device.

- 10. The communications system according to claim 8, wherein the wireless communications device lacks sufficient storage to hold the software to be downloaded in addition to existing software within the wireless communications device.
- 11. The communications system according to claim 8, wherein the software to be downloaded is retrieved by the auxiliary device from the remote server through an Internet connection provided by the wireless communications device.
- 12. The communications system according to claim 8, wherein the wireless communications device is a mobile telephone and the auxiliary device is a personal digital assistant.
- 13. The communications system according to claim 8, wherein the software downloaded to the auxiliary device, when installed on the wireless communications device, replaces software on the wireless device at a time of the software download.

14.	The	communi	.catio	ns sy	stem	acc	cordin	g to	claim	8,
wherein	the so	oftware	downl	oaded	to	the	auxil	iary	device	is
retained	after	instal	llatio	n on	the	wire	eless	comm	unicatio	ons
device a	and 1	reused	for	insta	allat	ion	on	other	simi.	lar
wirelegg	COMMI	nicatio	ng day	rices						

	15.	For	use	in	a	communi	cations	sys	tem,	a	method	of
perf	orming	g wi	irele	ss	sc	oftware	downloa	ads	to	a	resour	ce-
cons	traine	ed v	wirel	.ess		communio	cations	dev	vice	Cá	apable	of
Inte	Internet access comprising:											

an auxiliary device including sufficient storage for holding software to be downloaded; and

retrieving the software to be downloaded from a remote server through a wireless connection for the wireless communications device to the auxiliary device; and installing the downloaded software from the auxiliary device onto the wireless communications device.

- 16. The method according to claim 15, wherein the auxiliary device lacks a connection to the remote server independent of the connection between the wireless communications device and the auxiliary device.
- 17. The method according to claim 15, wherein the wireless communications device lacks sufficient storage to hold the software to be downloaded in addition to existing software within the wireless communications device.

5

6

1

2

3

4

5

6

7

8



18.	The	method	acc	ordi	ing t	0 0	claim	15,	where	ein	the
step of	retri	eving t	he	soft	ware	to	be	downl	oaded	from	n a
remote	server	throu	ıgh	a	wirel	less	cor	nnecti	on f	or	the
wireless	commi	unicatio	ons	dev	ice	to	the	auxi	liary	dev	ice
further	compris	ses:									

retrieving the software to be downloaded from the remote server through an Internet connection provided by the wireless communications device.

- 19. The method according to claim 15, wherein the wireless communications device is a mobile telephone and the auxiliary device is a personal digital assistant.
- 20. The method according to claim 15, wherein the step of installing the downloaded software from the auxiliary device onto the wireless communications device further comprises:

replacing software on the wireless device at a time of the software download with the downloaded software.